

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034870.D
 Acq On : 31 Mar 2023 12:03
 Operator : JC/MD
 Sample : VX0331WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS02

Quant Time: Apr 01 05:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	233078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	388608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	173014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177199	49.711	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.420%			
35) Dibromofluoromethane	5.379	113	129487	50.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.647	98	499942	52.696	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.400%			
62) 4-Bromofluorobenzene	11.079	95	187551	51.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	48113	20.696	ug/l	100
3) Chloromethane	1.295	50	60698	20.854	ug/l	100
4) Vinyl Chloride	1.374	62	60961	21.153	ug/l	97
5) Bromomethane	1.618	94	40294	21.516	ug/l	96
6) Chloroethane	1.691	64	39906	21.283	ug/l	98
7) Trichlorofluoromethane	1.892	101	99427	21.460	ug/l	98
8) Diethyl Ether	2.130	74	34461	21.098	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	52502	21.681	ug/l	98
10) Methyl Iodide	2.453	142	59392	19.695	ug/l	94
11) Tert butyl alcohol	3.008	59	57497m	91.934	ug/l	
12) 1,1-Dichloroethene	2.319	96	47733	19.949	ug/l	93
13) Acrolein	2.239	56	62770	97.498	ug/l	100
14) Allyl chloride	2.666	41	90338	19.271	ug/l	94
15) Acrylonitrile	3.063	53	138206	98.173	ug/l	97
16) Acetone	2.392	43	145906	100.760	ug/l	98
17) Carbon Disulfide	2.514	76	109407	18.257	ug/l	99
18) Methyl Acetate	2.703	43	102376	19.898	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	175726	19.836	ug/l	96
20) Methylene Chloride	2.788	84	56834	19.890	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52018	19.933	ug/l	94
22) Diisopropyl ether	3.757	45	191614	20.258	ug/l	97
23) Vinyl Acetate	3.721	43	688602	102.078	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103279	20.294	ug/l	99
25) 2-Butanone	4.556	43	210647	100.004	ug/l	98
26) 2,2-Dichloropropane	4.471	77	78451	18.745	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	61474	19.880	ug/l	98
28) Bromochloromethane	4.898	49	52440	21.064	ug/l	99
29) Tetrahydrofuran	5.007	42	130652	99.012	ug/l	98
30) Chloroform	5.093	83	103277	19.980	ug/l	96
31) Cyclohexane	5.471	56	94121	21.685	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	87704	19.883	ug/l	99
36) 1,1-Dichloropropene	5.690	75	77873	20.450	ug/l	100
37) Ethyl Acetate	4.709	43	78920	19.820	ug/l	100
38) Carbon Tetrachloride	5.672	117	72814	20.281	ug/l	94
39) Methylcyclohexane	7.379	83	86714	21.444	ug/l	95
40) Benzene	6.038	78	225072	20.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44157	20.392	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88568	20.380	ug/l	99
43) Isopropyl Acetate	6.336	43	130613	19.607	ug/l	100
44) Trichloroethene	7.129	130	57679	20.670	ug/l	94
45) 1,2-Dichloropropane	7.428	63	58542	20.552	ug/l	99
46) Dibromomethane	7.580	93	39702	20.257	ug/l	97
47) Bromodichloromethane	7.818	83	71813	19.836	ug/l	97
48) Methyl methacrylate	7.690	41	64014	19.567	ug/l	97
49) 1,4-Dioxane	7.708	88	27081	401.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	411202	104.299	ug/l	97
52) Toluene	8.714	92	141535	19.858	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	75461	19.376	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86322	20.254	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	55695	20.646	ug/l	98
56) Ethyl methacrylate	9.116	69	84723	20.046	ug/l	94
57) 1,3-Dichloropropane	9.305	76	98394	20.596	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	216510	100.607	ug/l	100
59) 2-Hexanone	9.427	43	315132	105.679	ug/l	98
60) Dibromochloromethane	9.519	129	50938	19.823	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57765	20.593	ug/l	98
64) Tetrachloroethene	9.275	164	51082	20.522	ug/l	97
65) Chlorobenzene	10.080	112	147966	20.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50817	20.422	ug/l	99
67) Ethyl Benzene	10.195	91	273633	20.873	ug/l	97
68) m/p-Xylenes	10.299	106	207523	41.440	ug/l	98
69) o-Xylene	10.640	106	102492	20.892	ug/l	98
70) Styrene	10.653	104	163753	20.910	ug/l	100
71) Bromoform	10.799	173	30985	18.308	ug/l #	99
73) Isopropylbenzene	10.964	105	262362	20.702	ug/l	99
74) N-amyl acetate	10.842	43	116137	20.382	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83208	20.032	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	69209m	19.853	ug/l	
77) Bromobenzene	11.195	156	62591	19.932	ug/l	99
78) n-propylbenzene	11.305	91	305503	20.867	ug/l	98
79) 2-Chlorotoluene	11.366	91	189126	20.460	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	220020	20.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18693	16.070	ug/l #	79
82) 4-Chlorotoluene	11.451	91	220049	20.500	ug/l	100
83) tert-Butylbenzene	11.713	119	204771	20.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	221689	20.573	ug/l	99
85) sec-Butylbenzene	11.890	105	254448	21.020	ug/l	99
86) p-Isopropyltoluene	12.006	119	212341	21.037	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118196	20.668	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	120288	20.139	ug/l	100
89) n-Butylbenzene	12.329	91	183102	20.762	ug/l	99
90) Hexachloroethane	12.536	117	30252	19.344	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	117624	20.537	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16292	18.791	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	66751	20.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	27608	19.377	ug/l	99
95) Naphthalene	13.774	128	235681	20.475	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66314	20.300	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

